

Investigation of the change in ...

23123  
S/181/61/003/005/028/042  
B108/B209

ASSOCIATION: Leningradskiy gosudarstvennyy universitet im A. A. Zhdanova  
(Leningrad State University imeni A. A. Zhdanov)

SUBMITTED: November 26, 1960

Card 3/5

KONOROV, P.P.; KOLBIN, M.N.

Investigating variations in the length of the diffusion displacement  
of current carriers and in the electrode potential of germanium during  
electrolytic treatment. Fiz.tver.tela 3 no.5:1553-1556 My '61.  
(MIRA 14:6)

1. Leningradskiy gosudarstvennyy universitet imeni A.I.Zhdanova.  
(Germanium—Electric properties) (Crystal lattices)

KOLBIN, N-I  
C/N

18

The stabilization of highly concentrated solutions of hydrogen peroxide. N. N. Lur'e and N. I. Kultun. Chem. Ind. (U. S. S. R.) 16, 787 (1971); cf. C. A. 75, 60111e. Even paralleling the container walls does not entirely prevent decompr. of very strong H<sub>2</sub>O<sub>2</sub> solns. Surface-active materials stabilize such solns. The best are phenacetin and salicylic acid, which are effective in concns. of 0.1-0.5 g./l. with pure H<sub>2</sub>O<sub>2</sub> solns. If impurities are present, up to 2 g./l. of stabilizer may be needed. Tannin and *o*-naphthylamine can also be used. Saponin and acetanilide are effective for a short time, but after long standing, solns. coning. them begin to decompr. H. M. Lester

## 450 150 METALLURGICAL LITERATURE CLASSIFICATION

SUBJ. CLASS.	SEARCHED		INDEXED		FILED	
	SEARCHED	INDEXED	SEARCHED	INDEXED	SEARCHED	INDEXED
M 12 24 41 43 45 47 49 51 53 55 57 59 61 63 65 67 69 71 73 75 77 79 81 83 85 87 89 91 93 95 97 99						

## AUTHORS:

Shchukarev, S. A., Kolbin, N. I.,  
Ryabov, A. N.

SOV/78-3-8-1/48

## TITLE:

On the Dissociation- and Sublimation Tension of  
Ruthenium-(III)-Chloride (Ob uprugosti dissotsiatsii i  
sublimatsii trikhlorida ruteniya)

## PERIODICAL:

Zhurnal neorganicheskoy khimii, 1958, Vol. 3, Nr 8,  
pp. 1721-1726 (USSR)

## ABSTRACT:

RuCl<sub>3</sub> is produced by chlorination of finely powdered metallic ruthenium with chlorine. For the determination of the dissociation- and sublimation tension of RuCl<sub>3</sub>, three methods have been used.

- 1) Static method with buffer - concentrated sulfuric acid.
- 2) Method of the quartz membrane.

- 3) Dynamically with nitrogen as carrier gas.

The dissociation tension of solid ruthenium-(III)-chloride at temperatures of 773-1058°K was calculated. From these data the variation of the thermodynamic functions with the dissociation of ruthenium-(III)-chloride was found:

$$\Delta H_{298} = 49 \pm 2 \text{ kcal}, \Delta F_{298} = 35 \pm 2 \text{ kcal}, \Delta S_{298} = 47 \pm 2 \text{ e.ye.}$$

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On the Dissociation- and Sublimation Tension  
of Ruthenium-(III)-Chloride

SOV/78-3-8-1/43

The sublimation of RuCl<sub>3</sub> was determined at 850-1100°K. On the strength of these results the thermodynamic characteristic values of the sublimation process of RuCl<sub>3</sub> for the temperature 975°K were calculated:  $\Delta H = 46$  kcal,  $\Delta S = 41$  e.ye. There are 3 figures, 5 tables, and 8 references, 4 of which are Soviet.

ASSOCIATION: Leningradskiy gosudarstvenny universitet, Kafedra obshchey i neorganicheskoy khimii (State University of Leningrad, Chair of General and Inorganic Chemistry)

SUBMITTED: July 8, 1957

Card 2/2

5.2200  
5.4130

5(4)  
AUTHORS:

Kolbin, N. I., Ryabov, A. N.

66883  
SOV/54-59-4-15/22

TITLE: On the Modifications of Ruthenium Trichloride<sup>1</sup>

PERIODICAL: Vestnik Leningradskogo universiteta. Seriya fiziki i khimii,  
1959, Nr 4, pp 121-127 (USSR)

ABSTRACT: The authors first discuss publications on ruthenium modifications with reference to Klaus (Ref 1) et al. RuCl<sub>3</sub> was obtained by some research workers in two modifications, i.e. in the form of small black, lustrous plates and cinnamon-colored powders. However, the development and the properties of these modifications have not yet been fully explained. Thus, the authors carried out the present investigation. The production of ruthenium trichloride from metallic ruthenium in dry Cl<sub>2</sub> current was studied in the temperature range 280-840°C. The metallic ruthenium was obtained from RuCl<sub>3</sub> by dechlorination with the aid of H<sub>2</sub>. Two methods were employed: 1) Sample in quartz shuttle and quartz tube. 2) Glass tube in the form of a pipette. The second method was more convenient. The resultant chlorides were analyzed by dechlorination with hydrogen and by determination of the

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On the Modifications of Ruthenium Trichloride 66883  
SOV/54-59-4-15/22

quantity of the separated HCl. Moreover, the authors took Debye powder patterns and electron diffraction pictures. In dependence on temperature, the authors obtained either the cinnamon-colored powder (below 500°C) or the small black plates (above 500°C). In the case of incomplete dechlorination, the RuCl<sub>3</sub> lines were still observed in the X-ray picture in addition to metallic Ru. This indicated the presence of a mixture of the two substances and not the formation of low-valence Ru chlorides (as e.g. Ru<sub>2</sub>Cl<sub>7</sub>). In the case of a chlorination of up to Ru:Cl = 2:5, no metal lines were observed any longer. The authors attempted to explain this by the electron diffraction pictures (plotting and discussion by K. V. Ovchinnikov). Three modifications were observed by an investigation of RuCl<sub>3</sub> sublimated over the cold parts of the apparatus. These are the black plate modification ( $\alpha$ ) at formation temperatures of about 600°C, below a dark-cinnamon-colored powder modification, and above 700°C once again a cinnamon, woolly modification, which radiographically corresponded to the  $\beta$ -modification developing at 500°C. The dark, cinnamon modification was strongly hygroscopic, and, contrary to the other modifications, it was readily soluble in water.

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66883

On the Modifications of Ruthenium Trichloride SOV/54-59-4-15/22

The X-ray studies have shown that the third modification is probably amorphous (for data see table 1). The structure of the  $\alpha$ -modification was determined by Ye. V. Stragonov and Ovchinnikov. Investigations of the phase transitions (Fig 3: heating curves), indicated a direct transition of the  $\beta$ -phase into the  $\alpha$ -phase at 600°C. From density determinations by means of a pycnometer the authors obtained a value of 3.90 g/cm<sup>3</sup> for the  $\alpha$ -modification (Table 3), which is in contradistinction to reference 8 (3.11). The density of the  $\beta$ -modification and the amorphous modification was determined for the first time in this investigation. There are 3 tables and 12 references, 2 of which are Soviet.

SUBMITTED: May 25, 1959

Card 3/3

5(2)

SOV/78-4-7-41/44

AUTHORS:

Shchukarev, S. A., Kolbin, N. I., Ryabov, A. N.

TITLE:

On a Volatile Higher Chloride of Ruthenium (O letuchem vyschem kloride ruteniya)

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, v. 14, № 7,  
pp 1692-1693 (USSR)

ABSTRACT:

The authors found in the course of the chlorination of metallic ruthenium by means of chlorine gas that amorphous RuCl<sub>3</sub> is deposited at the cold places of the apparatus. As the vapor pressure of RuCl<sub>3</sub> is negligibly low at the temperature of 400° used, this cannot concern the evaporation of RuCl<sub>3</sub>. The formation of RuCl<sub>4</sub> is assumed and its vapor pressure is calculated from the difference between the RuCl<sub>3</sub> carried away in the nitrogen- and in the chlorine current. The investigation is being continued. There are 1 figure and 2 references, 1 of which is Soviet.

ASSOCIATION:  
Card 1/2Leningradskiy gosudarstvennyy universitet im. Zhdanova, Kafedra  
neorganicheskoy khimii (Leningrad State University imeni

On a Volatile Higher Chloride of Ruthenium

SOV/78-4-7-41/44

Zhdanov, Chair for Inorganic Chemistry)

SUBMITTED: February 23, 1959

Card 2/2

ZOLBIN, N.I.; RYABOV, A.N.

Modifications of ruthenium trichloride. Vest. LGU 14 no.22:121-127  
'59.

(MIRA 12:11)

(Ruthenium chloride)

SHCHUKAROV, S.A.; KOLBIN, N.I.; RYABOV, A.N.

Ruthenium tribromide. Zhur. neorg. khim. 5 no.8:1900-1901 Ag '60.  
(NIRA 13:9)

1. Leningradskiy gosudarstvennyy universitet, Kafedra neorganicheskoy khimii.

(Ruthenium bromide)

SHCHUKAREV, S.A.; KOLBIN, N.I.; RYABOV, A.N.

Ruthenium triiodide. Zhur.neorg.khim. 6 no.5:1013-1015 My  
'61. (MIRA 14:4)

1. Leningradskiy gosudarstvennyy universitet.

(Ruthenium iodide)

SHCHUKAREV, S.A.; KOLBIN, N.I.; SEMENOV, I.N.

Preparation of osmium tribromide. Zhur.neorg.khim. 6 no.5:1246-  
1247 My '61. (MIRA 14:4)

(Osmium bromide)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6

SHCHUKAREV, S.A.; KOLBIN, N.I.; RYABOV, A.N.

Anhydrous ruthenium tribromide. Vest. LGU 16 no.4:100-104 '61.  
(MIRA 14:3)

(Ruthenium bromide)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6"

L 10643-63  
EWP(?) / EWT(m) / BDS -- AMFTC / ASD -- JD

ACCESSION NR: AP3001231

S/1078/63/008/006/1543/1545

AUTHOR: Kolbin, N. I.; Ryabov, A. N.; Samoylov, V. M.

54

TITLE: Solid ruthenium tetrachloride

SOURCE: Zhurnal neorganicheskoy khimii, v. 8, no. 6, 1963, 1543-1545

TOPIC TAGS: RuCl<sub>4</sub>, RuCl<sub>3</sub>

ABSTRACT: Solid RuCl<sub>4</sub> was obtained by condensing onto a liquid air-cooled surface the vapors of Ru chlorides and chlorine obtained by heating RuCl<sub>3</sub> in fused quartz equipment in a stream of chlorine at 750 degrees. RuCl<sub>4</sub> decomposes to the trichloride and chlorine at -30 degrees; the reaction is not reversible at this temperature. Orig. art. has: 1 table; 1 figure; 1 equation.

ASSOCIATION: none

SUBMITTED: 16Aug62

DATE ACQD: 01Jul63

ENCL: 00

SUB CODE: 00

NO. REF. Sov: 003

OTHER: 001

deo/CA

Card 1/1

KOLBIN, N.I.; SEMENOV, I.N.; SHUTOV, Yu.M.

Forms of the compounds in the osmium - chlorine system.  
Zhur. neorg. khim. 8 no.11:2422-2427 N '63, (MIRA 17:1)

KOLBIN, N.I.; SEMENOV, I.N.

Thermal dissociation of osmium tetrachloride. Zhur.neorg.khim. 9 no.1; 203-205 Ja '64. (MIRA 17:2)

1. Leningradskiy universitet, kafedra neorganicheskoy khimii.

KOLBIN, N.I.; SEMENOV, I.N.; SHUTOV, Yu.M.

Thermal dissociation of osmium trichloride. Zhur. neorg.  
khim. 9 no.5:1029-1031 My '64. (MIRA 17:9)

1. Kafedra neorganicheskoy khimii Leningradskogo gosudar-  
stvennogo universiteta.

ZVIAGINTSEV, Orest Yevgen'yevich, prof., doktor khim. nauk;  
AVTOKRATOVA, Tat'yana Dmitriyevna, kand. khim. nauk, dots.;  
GORYUNOV, Anatoliy Alekseyevich, kand.khim. nauk, assistant;  
KOLBIN, Nikolay Ivanovich, kand.khim.nauk, dots.; RYABOV,  
Al'ber Nikolayevich, kand. khim. nauk, assistant; KORCHEMNAYA,  
Ye.K., red.

[Chemistry of ruthenium] Khimiia ruteniia. [By] O.E.Zviagintsev i dr. Moskva, Nauka, 1965. 299 p. (MIRA 18:6)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova (for Kolbin, Ryabov, Goryunov). 2. Moskovskiy institut stali i splavov(for Avtokratova).

KOLBIN, O.L.

Automatic machine for weighing and packaging synthetic washing compounds. Biul. tekhn.-esk. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 17 no.6:36-37 Je '64.

(MIRA 17:11)

*KOLBIN, V.*

MOROZOV, N.; SHIROKOV, A.; LIVSHITS, V.I.; prepodavatel'; KRUTIKOV, A.D.;  
*KOLBIN, V.*

The magazine "Sovetskaia potrebitel'skaisa kooperatsiia." Sov.  
torg. no.10:50-54 O '57. (MIRA 10:11)

1. Zamestitel' direktora po nauchnoy chasti Nauchno-issledovatel'skogo instituta torgovli i obshchestvennogo pitaniya (for Morozov).
2. Rukovoditel' raboty, starshiy nauchnyy sotrudnik Nauchno-issledovatel'skogo instituta torgovli i obshchestvennogo pitaniya (for Shirokov).
3. Tekhnikum sovetskoy torgovli v Pyatigorske (for Livshits).
4. Direktor Moskovskogo magazina samoobslushivaniya No.65 "Gastronom" (for Krutikov).
5. Zamestitel' nachal'nika Upravleniya torgovli prodovol'stvennymi tovarami Leningrada (for Kolbin).

(Cooperative societies--Periodicals)

KOLBIN, V.

Unsolved problems of brigade liability. Sov. torg. 33 no.8:41-42  
Ag '59. (MIRA 12:11)

1. Nachal'nik Upravleniya torgovli probovol'stvennymi tovarami  
Leningrada.  
(Leningrad--Clerks (Retail trade))

KOLBIN, V.

Self-service groceries in Leningrad. Sov. torg. 34 no.10:29 0 '60.  
(MIRA 13:10)

1. Nachal'nik Upravleniya torgovli prodrovol'stvennymi tovarami.  
(Leningrad—Self-service stores)  
(Leningrad—Grocery trade)

KOLBINA L. I.

USSR/Mathematics - Conformal Representation 11 Jun 52  
(Reflection)

"Certain Extremal Problems in Conformal Reflection,"  
L. I. Kolbina

"Dok Ak Nauk SSSR" Vol LXXXIV, No 5, pp 865-868

The author investigates a number of extremal problems by the method of variations, employing G. M. Goluzin's theorem to obtain variational functions that depend upon a small complex parameter  $h$  (cf. G. M. Goluzin, "Matemat Sbor" Vol XIX, No 2, 203 1946). She establishes a theorem concerning the max of  $J = f'_1(0) \cdot f'_2(0)$  for all possible systems of functions  $f_k(z)$  (such that  $f_k(0) = A_k$ , const). Submitted by Acad V. I. Smirnov  
14 Apr 52

223160

KOLBINA, L. I.

Mathematics - Schlicht (Simple) Functions  
Practicas

21 Jun 52

"Theory of Schlicht (Simple) Functions," L. I. Kolbina

"Dok Ak Nauk SSSR" Vol LXXXIV, No 6, pp 1127-1130

Demonstrates by the use of the method of parametric representation certain very general evaluations for schlicht (simple) functions. Considers the following schlicht functions class  $S$  of functions  $f(z) = z + cz^2 + \dots$  (regular and simple in unit circle around the origin) and class  $\Sigma$  of functions  $f(z) = z + a + b/z + \dots$  (regular and simple outside the unit circle). Submitted by Acad V. I. Smirnov

10 Mar 52  
223760

KOLBINA, L. I.

USER/ Mathematics - Mapping

Card 1/1 Pub. 127 - 3/12

Authors : Kolbina, L. I.

Title : Conformal mapping of a singular circle upon the regions overlapping each other

Periodical : Vest. Len. un. ser. mat. fiz. khim., 10<sup>th</sup>, 37-43, May 1955

Abstract : The conformal mapping of a singular circle,  $|z| < 1$ , on the regions overlapping each other is discussed. The maximum of the  $I_n$  of the product  $I = \prod_{k=1}^n |f_k'(0)|^{1/k}$  is sought, where  $n > 0$ ;  $f_k(0) = a_k$  and  $k = 1, 2, \dots, n$ ; the  $f_k(z)$  are regular functions in

the  $|z| < 1$  regions  $B_k$  and monophyllously mapping the circle  $|z| < 1$  upon

overlapping each other. Two references (1952).

Institution : .....

Submitted : January 13, 1955

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6

KOLBINA, L.I.

KOLBINA, L.I.

Theorems for distortions in certain classes of P-sheeted functions.  
(NLLA 9:8)  
Vest.Len.un. 11 no.7:71-76 '56.  
(Functions of complex variables)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6"

ALEKSANDROV, A.D.; AKILOV, G.P.; ASHNEVITS, I.Ya.; VALLANDER, S.V.;  
VLADIMIROV, D.A.; VULIKH, B.Z.; GANURIN, M.K.; KANTOROVICH, L.V.;  
KOLBINA, L.I.; LOZIESKIY, S.M.; LADYZHENSKAYA, O.A.; LINNIX, Yu.V.;  
LEBEDEV, N.A.; MISHLIN, S.G.; MAKAROV, B.M.; NATANSON, I.P.;  
NIKITIN, A.A.; POLYAKHOV, N.N.; PINSKER, A.G.; SMIRNOV, V.I.;  
SAFRONOVA, G.P.; SMOLITSKIY, Kh.L.; FADDEYEV, D.K.

Grigorii Mikhailovich Fikhtengol'ts; obituary. Vest. IOU 14 no.19:  
158-159 '59. (MIRA 12:9)  
(Fikhtengol'ts, Grigorii Mikhailovich, 1888-1959)

MASAGUTOV, R.M.; BERG, G.A.; KOLBINA, L.I.; KHARITSKAYA, R.Z.

Economic effectiveness of certain variates of the preparation of  
raw stocks for catalytic cracking. Trudy Bash NIINP no.5:94-98  
'62. (MIRA 17:10)

KOSTRIN, K.V.; KOLBINA, L.I.; TOSKINA, Z.N.

Economic significance of the use of chemicals in petroleum  
refining and the classification of these chemicals. Trudy  
BashNII NP no.6:283-293 '63. (MIRA 17:5)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6

SLEZKOVA, V.A., YANOVICH, F.P., KOLBINA, M.S.

School sanatorium for nervous children in Frunze District.  
Zhur. nevr. i psich. 58 no.7:996 '58  
(MIRA 11:7)  
(FRUNZE DISTRICT--HANDICAPPED CHILDREN)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6"

KOLBINA, S. A.

"Effect of Bulky and Concentrated Fodder on the Productivity  
of Drought Resistant Cows and Their Condition at the Beginning of  
Lactation." Cand Agr Sci, Leningrad Veterinary Inst, Leningrad,  
1954. (RZhBiol, No 4, Feb 55)

SO: Sum. No. 631, 26 Aug 55- Survey of Scientific and Technical  
Dissertations Defended at USSR Higher Educational Institutions  
(14)

LUTUGINA, N.V.; KOLBINA, V.N.; RESHETOVA, L.I.

Rectification of a mixture of hydrochlorination products of pentaerythritol.  
Zhur. prikl. khim. 38 no.7:1541-1549 Jl '65. (MIRA 18:7)

1. Leningradskiy gosudarstvennyy universitet imeni Zhdanova.

KOLBINA, Ye. M.; ARIYA, S.M.; APURINA, M.S.

Chemistry of compounds of variable composition. Part 7: The system cobalt--tellurium and the enthalpy of cobalt telluride formation.  
Zhur. neorg. khim. 2 no.1:23-29 Ja '57. (MLRA 10:4)  
(Cobalt tellurides) (Enthalpy) (Systems (Chemistry))

KOLBINA, Ye.M. [deceased]; BARRANELI, Yu.A.; NAZAROVA, N.V.; ARIYA, S.M.  
Thermodynamics of lower cobalt sulfides. Vest. IGU 15 no.4:122-129  
'60. (Cobalt sulfide) (Thermodynamics) (MIRA 13:2)

MORACHEVSKIY, A.G.; KOLBINA, V.N.

Shift in the composition of azeotropes with temperature and  
pressure changes in binary systems toluene-saturated alcohols.  
Zhur.fiz.khim. 35 no.8:1694-1698 Ag '61. (MIRA 14:8)

1. Leningradskiy gosudarstvennyy universitet imeni A.A.  
Zhdanova.

(Toluene) (Alcohols)

SKVORTSOVA, G.G.; SAMOYLOVA, M.Ya.; KOLBINA, Z.M.; STEPANOVA, Z.V.

Hydrolysis of N-monosubstituted vinyl ethers of  $\alpha$ -aminophenols.  
Zhur. org. khim. 1 no.1:111-113 Ja '65. (MIRA 18:5)

1. Irkutskiy inatitut organicheskoy khimii Sibirskogo otdeleniya  
AN SSSR.

Kolbinger, Z.

Kolbinger, Z. Use of phenol resol as a core binder. p. 58.

Vol. 5, no. 2, Feb. 1957

SLEVAKENSTVI

TECHNOLOGY

Czechoslovakia

So. East European Accessions, Vol. 6, May 1957  
No. 5

KOLBINGER, Z.

"Long-term melting process in the foundry of gray cast iron." p. 61.

SLEVARENSTVI. (MINISTERSTVO TEZKEHO STROJIRENSTVI A CESKOSLOVENSKA VEDECKA  
TECHNICKA SPOLECNOST PRO HUTNICTVI A SLEVARENSTVI). Praha, Czechoslovakie,  
Vol. 7, no. 2, Feb. 1959.

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.  
Uncl.

VETISKA, Ales; KOLBINGER, Zdenek

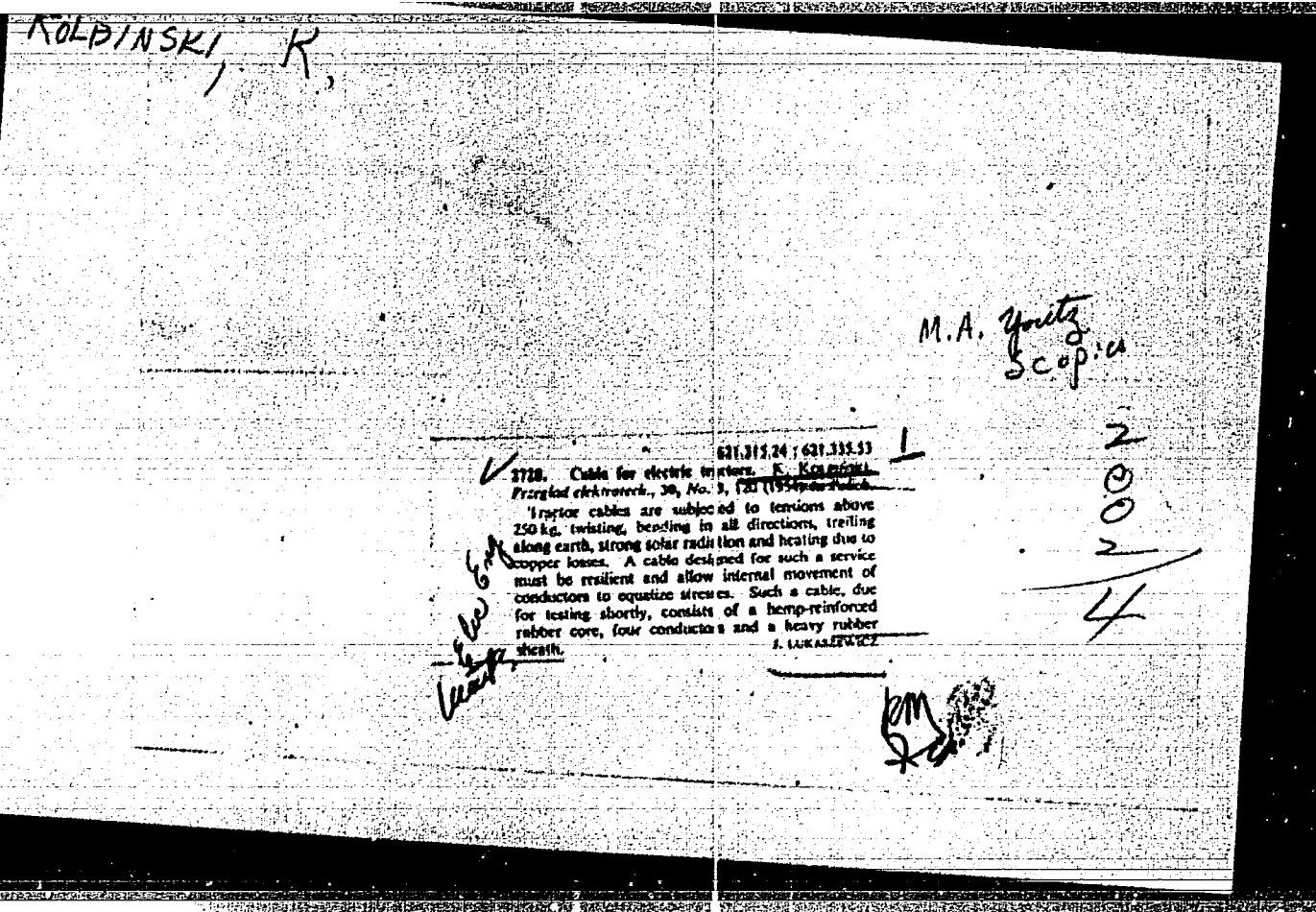
New testing method for verification of gray cast iron quality  
in castings. Slevarenstvi ll no.6:221-226 Je '63.

1. Katedra slevarenstvi, Vysoka ucenil technicke, Brno; Zavody  
na výrobu kulickovych lozisek, Brno .. Lisen.

KOLBINSKI, K.

"Power Cables" p. 146. (Przeglad Elektrotechniczny, Vol. 29, no. 4, Apr. 1953, Warszawa)

SO: Monthly List of ~~newspaper~~ Accessions, Library of Congress, February, 1954, [1953]; Uncl.



KOLBINSKI, K.

Aims, tasks, and duties of the Polish Electrical Engineers Association.

P. 401 (Przeglad Elektrotechniczny, Vol. 32, no. 10, Oct. 1956, Warszawa, Poland)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,  
1958, February

KOJINSKI, K.;  
SALAMON, L.

2d Nationwide Contest on Rationalization in the field of saving electric power.

P. 196 (WIADOMOSCI ELEKTROTECHNICZNE) (Warsaw, Poland) Vol. 17. No. 6 1957

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7. No. 5. 1958

KOLBINSKI, K.

Fortieth anniversary of the Polish Electrical Engineers Association. p. 177.  
Problems to be discussed at the scientific session on the fortieth anniversary  
of the Polish Electrical Engineers Association, Warsaw, June 9-14, 1959.  
p. 178.

PRZEGLAD ELEKTROTECHNICZNY. (Stowarzyszenie Elektryków Polskich) Warszawa,  
Poland, Vol. 35, no. 5, May, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

KOLBINSKI, Kazimierz, prof.

Problems of electric power cables. Przegl elektrotechn  
40 no.11:481-488 N '64.

KOLBINSKI, Kazimierz, prof.

A history of Polish electrical engineering. Wiad elektrotechn  
34 no.1:23 Ja '65.

1. Chairman, Historical Committee of the Association of Polish  
Electrical Engineers, Warsaw.

KOLBINSKI, Kazimierz, prof.

History of Polish electrical science and engineering. Przegl  
elektrotechn 41 no.3:83 Mr '65.

1. Chairman, Commission for History of the Association of Polish  
Electrical Engineers, Warsaw.

VARTANYAN, O.A.; KOLBINSKIY, P.V.

Improving the living conditions of railroad workers. Put' i put.  
khoz. 6 no.2:35 '62. (MIRA 15:2)

1. Zamestitel' nachal'nika Ostrogozhskoy distantsii puti,  
Yugo-Vostochnoy dorogi (for Vartanyan). 2. Smotritel' zdaniy  
Ostrogozhskoy distantsii puti, Yugo-Vostochnoy dorogi (for  
Kolbinskiy).

(Railroads--Buildings and structures)

KOLBL, Darinko, inz.

The Litostroj Works and production of diesel motors. Stroj vest  
9 no.1/2:41-45 Ap '63.

KOLBL, Darinko, inz.

Latest developments in the field of ship diesel engines.  
Stroj vest 10 no. 1/2;48-52 Ap '64.

1. Litostroj, Ljubljana.

KOLBL, M.

Carbon dioxide, production and possibilities of its use. p. 287

SLEVARENSTVI. (Ministerstvo tezkeho strojirenstvi a Ceskoslovenska vedecka  
technicka spolecnost pro hunictvni a slevarenstvi) Praha, Czechoslovakia.  
Vol. 7, no. 7, June, 1959

Monthly list of East European Accessions (EEAI) LC Vol. 8, No. 12,  
Dec., 1959 Unol.

KOLBLOVA, V.; GREGOROVA, I.; KOLBEL, F.; SONKA, J.

Changes in the excretion of dehydroepiandrosterone in pregnancy.  
Cas. lek. cesk. 103 no.45:1261-1262 6 N '64.

1. Porodnicko-gynekologicke oddeleni v Brandyse n Labem,  
(vedouci MUDr. M. Zaloudek); Laborator pro endokrinologii  
a metabolismus v Praze, (vedouci akademik J. Charvat) a  
III. interni klinika fakulty vseobecneho lekarstvi Karlovy  
University v Praze (prednosta akademik J. Charvat).

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6

KOLBNEV, A.F. and BELOUSOV, N.I.

"Increasing the Quality of Castings from Non-ferrous Metals."

report presented at the Leningrad Regional Conference on Progressive Foundry Practice  
Leningrad, 8-12 Dec 1959.

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6"

KOLBOVSKIY, A., inshener.

Value of task assignments. Stroitel' no. 5:24 My '57. (MIMA 10:6)  
(Building)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6

KOLBOVSKIY, I.

A multileg compass. Politekh. obuch. no. 10:82-83 O '59.  
(Drawing instruments)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6"

Kolbowski, Yu. Ya.

Category: USSR/Analytical Chemistry - General Questions.

a-1

Abs Jour: Referat Znur-Khimiya, No 9, 1957, 30947

Author : Kolbowski Yu. Ya., Krikhanovskaya M. N.

Inst : Urals Institute of Ferrous Metals slopes of the graphs. Concen-

Title : Effect of Current Intensity on Slope of Calibration Graph.

Orig Pub: Zavod. laboratoriya, 1956, 12, No 11, 1334-1335

Abstract: Experiments were carried out with standards of steel of 12-th series, prepared by the Urals Institute of Ferrous Metals. The spectra were excited in alternating current arc discharge with an operating gap of 2 mm, 10 seconds firing and with 15 seconds exposure. The upper electrode is carbon, the spectrograph is median, current intensity was varied over the range 4-7.5 a. Calibration graphs were plotted in the coordinates  $\lg I_{\text{an}}/I_{\text{mean}}$ ,  $\lg C$  according to analytical lines: Mn 2939.3 - Fe 2926/59, Si 2506.9 - Fe 2507.9, Cr 2677.1 - Fe 2684.75, Ni 3050.8 - Fe 3055.26 Å. On increase of current from 4 to 5.5 a the slope of the graphs is decreased. Further increase of cur-

Card : 1/2

-21-

24(7) PLATE I BOOK EXPLORATION Sov/1700

Short. Universit.

Material Board: N. S. Vassil'ev, Director; (Sovp. M.)  
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V. D. Kostylev, Doctor of Physical and Mathematical Sciences;  
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V. D. Kostylev, Candidate of Technical Sciences; S. M. Savchenko,  
Candidate of Physical and Technical Sciences; L. N. Klimovskaya,  
Candidate of Physical and Mathematical Sciences; V. F. Milyutin,  
Candidate of Physical and Mathematical Sciences; A. Ya.  
Gol'dberg, Doctor of Physical and Mathematical Sciences;  
M. I. S. I. Gulyayev, Doctor of Physical and Mathematical Sciences;

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Material Board: S. G. Landsberg, Director; (Sovp. M.)  
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V. D. Kostylev, Candidate of Technical Sciences; S. M. Savchenko,  
Candidate of Physical and Technical Sciences; L. N. Klimovskaya,  
Candidate of Physical and Mathematical Sciences; V. F. Milyutin,  
Candidate of Physical and Mathematical Sciences; A. Ya.  
Gol'dberg, Doctor of Physical and Mathematical Sciences;  
M. I. S. I. Gulyayev, Doctor of Physical and Mathematical Sciences;

Purpose: This book is intended for scientists and researchers in  
the field of spectroscopy, as well as for technical personnel  
using spectrometry in various industries.

Content: This volume contains 177 scientific and technical studies  
of atomic spectroscopy presented at the 10th All-Union Conference  
on Spectroscopy in 1956. The studies were carried out by  
scientists of scientific and technical institutes and include  
extensive bibliographies of Soviet and other sources. The  
studies cover many phases of spectroscopy: spectra of rare earths,  
electromagnetic radiation, physicochemical methods for controlling  
argon production, physics and technology of gas discharge  
spectroscopy, chemical dispersion in metal vapors,  
spectroscopy and the combination theory, spectrum analysis of gases  
and minerals, photographic methods for quantitative spectrum  
analysis of metals and alloys, spectral determination of the  
hydrogen content of metals by means of ionization, tables and  
diagrams of spectral lines, spark spectroscopic methods and  
characteristic study of variation in the characteristics of calibration  
curves, determination of traces of metals, spectrometry of refractory  
metallurgy, thermochrometry in metallurgy, and principles and  
practice of spectrochemical analysis.

Card 2/21

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Candidate of Physical and Technical Sciences; L. N. Klimovskaya,  
Candidate of Physical and Mathematical Sciences; V. F. Milyutin,  
Candidate of Physical and Mathematical Sciences; A. Ya.  
Gol'dberg, Doctor of Physical and Mathematical Sciences;  
M. I. S. I. Gulyayev, Doctor of Physical and Mathematical Sciences;

Additional Sponsored Agency: Academy of SSSR. Seminars po  
spektroskopii.

Material Board: N. S. Vassil'ev, Director; (Sovp. M.)  
B. N. Kostylev, Doctor of Physical and Mathematical Sciences;  
V. D. Kostylev, Doctor of Physical and Mathematical Sciences;  
V. D. Kostylev, Candidate of Technical Sciences; S. M. Savchenko,  
Candidate of Physical and Technical Sciences; L. N. Klimovskaya,  
Candidate of Physical and Mathematical Sciences; V. F. Milyutin,  
Candidate of Physical and Mathematical Sciences; A. Ya.  
Gol'dberg, Doctor of Physical and Mathematical Sciences;  
M. I. S. I. Gulyayev, Doctor of Physical and Mathematical Sciences;

Purpose: This book is intended for scientists and researchers in  
the field of spectroscopy, as well as for technical personnel  
using spectrometry in various industries.

Card 2/21

KOLBOVSKIY, Yu.Ya.; KRIZHANOVSKAYA, M.K.

Spectral determination of aluminum in alloyed brands of steel  
by making solutions. Fiz.tbor. no.4:402-403 '58.

1. Nikopol'skiy yuzhnorubnyy metallurgicheskiy zavod.  
(Steel--Analysis) (Aluminum--Spectra) (MIRA 12:5)

KOLBOVSKIY, Yu.Ya.

Effect of polydispersity on the light scattering of polymer solutions. Vysokom. soed. 2 no.1:85-87 Ja '60.  
(MIRA 13:5)

1. Yaroslavskiy tekhnologicheskiy institut.  
(Polymers) (Light--Scattering)

KOLBOVSKIY, Yu.Ya.

Effect of polydispersity on the scattering of light by polymers.  
Part 2. Vysokom.sred. 2 no.6:825-827 Je '60. (MIRA 13:6)

1. Yaroslavskiy tekhnologicheskiy institut,  
(Polymers--Optical properties)

KOLBOVSKIY, Yu.Ya.

**E**ffect of polydispersity on the distribution function of the distance  
between the ends of a free-rotating chain. Vysokom.sred. 2 no.6:  
828-831 Je '60. (MIRA 13:6)

1. Yaroslavskiy tekhnologicheskiy institut.  
(Polymers)

KOLBOSKIY, Yu.Ya.

On the conformation of a stretched polymer chain. Vysokom.  
soed. 2 no.8:1144-1147 Ag '60. (MIRA 13:9)

1. Yaroslavskiy tekhnologicheskiy institut.  
(Polymers)

KOLBOVSKIY, Yu.Ya.

Efect of polydispersity on the light scattering of polymer solutions. Vysokom. soed. 2 no.8:1154-1156 Ag '60.  
(MIRA 13:9)

1. Yaroslavskiy tekhnologicheskiy institut.  
(Polymers—Optical properties)

S/190/60/002/009/021/023/xx  
B004/B056AUTHOR: Kolbovskiy, Yu. Ya.TITLE: The Scattering of Light by Solutions of Ramified Macromolecules Having a Single Point of RamificationPERIODICAL: Vysokomolekulyarnyye soyedineniya, 1960, Vol. 2, No. 9,  
pp. 1375-1377TEXT: The author aimed at deriving an equation for the angular distribution of scattered light in solutions containing macromolecules with a single ramification. He proceeds from the equation for the indicatrix  $P(\theta)$  of light scatter, which had been obtained by H. Benoit (Ref. 1):

$$P(\theta) = 2/Nu + (2/N^2u^2) \left\{ - \sum_{l=1}^q [1 - \exp(-uN_l)] + \sum_{l=2}^q \sum_{m=1}^{l-1} \exp(-u^{\lambda_{lm}}) \right\}$$

$[1 - \exp(-uN_1)] [1 - \exp(-uN_m)] \} \quad (2)$ . Here,  $N$  denotes the number of chain links of the macromolecule,  $q$  - the number of ramifications,  $\lambda_{lm}$  - the

Card 1/2

The Scattering of Light by Solutions of  
 Ramified Macromolecules Having a Single Point S/190/60/002/009/021/023/xx  
 of Ramification B004/B056

distance between the neighboring links of the  $l^{th}$  and  $m^{th}$  branch,  
 $u = \mu^2 b^2 / 6$ ,  $\mu = (4\pi/\lambda') \sin(\theta/2)$ ,  $l$  - the length of the link,  $\lambda'$  - the wavelength of the light in the solution. For the case investigated by the author,  $\lambda_{lm} = 0$ . In order to determine the dependence of light scatter on the length  $x_l$  of the branch chain, the following is written down:

$$\sum_{l=1}^q \exp(-uN x_l) = q \left[ 1 - uN/q + (uN)^2/q(q+1) - (uN)^3/q(q+1)(q+2) + \dots \right] \quad (12).$$

This equation may be represented as degenerate hypergeometric function:

$$F(\alpha, v, x) = 1 + \alpha x/v! + \alpha(\alpha+1)x^2/v(v+1)2! + \alpha(\alpha+1)(\alpha+2)x^3/v(v+1)(v+2)3! + \dots \quad (13).$$

Herefrom one obtains:  $P(0) = (2/uN) \left[ 1 - 2F(1, q+1, -uN) + F(1, q+1, -2uN) \right] + F^2(1, q+1, -uN) \quad (16)$ . When  $q = 1$  (16) gives the known equation for a ramified polymer chain. There are 5 references: 4 Soviet and 1 US.

ASSOCIATION: Yaroslavskiy tekhnologicheskiy institut  
(Yaroslavl' Technological Institute)

SUBMITTED: April 7, 1960

Card 2/2

KOLEVSKIY, Yu.Ya.

Scattering of light by some simple models of branched chains. Vysokom.  
soed. 3 no.1:10-13 Ja '61. (MIR 14:2)

1. Yaroslavskiy tekhnologicheskiy institut.  
(Polymers--Optical properties)

KOLBOVSKIY, Yu.Ya.

Shape of polymer chains. Vysokom.soced. 3 no.5:758-760 My.'61.  
(MIRA 14:5)

1. Yaroslavskiy tekhnologicheskiy institut,  
(Polymers)

*Kolbow Harry*

KOLITA, Stanislaw; KOLBOW, Harry.

Clinical observations on action of isonicotinic acid hydrazide in laryngeal tuberculosis. Otolar. polska 9 no.3:227-232 1955.

1. Z Państwowego Sanatorium Przeciwigusliego w Tuszynku,  
Dyrektor: dr. S. Pislo.

(TUBERCULOSIS, LARYNGEAL, therapy,

isoniazid)

(NICOTINIC ACID ISOMERS, therapeutic use,  
isoniazid in laryngeal tuberc.)

KOLBOW ++

EXCERPTA MEDICA Sec.15 Vol.10/4 Chest Diseases Apr57

805. KOLBOW H. Państwowego Sanat. Przeciwgruźliczego, Tuszynek, Łódź.  
\*Wlewy dooskrzelowe hydrazyd kwasu izonikotynowego jako przygotowanie  
do leczenia chirurgicznego gruźlicy płuc. Intrabronchial instilla-  
tions of INH preparatory to surgical treatment of pul-  
monary tb GRUŽLICA 1956, 24/9 (947-953) Illus, 11

Forty-eight tuberculous patients were treated with intrabronchial instillations of isoniazid at the State Sanatorium at Tuszynek (near Łódź); the instillations were carried out by means of the Métras sounds; it was considered as preparatory to the intended surgical treatment. In the majority of the cases there were cavernous lesions, localized in the apical segments of either upper or lower lobes. In cases of recent, mechanical cavities the results were favourable. In cases of long-standing biological cavities the results were poor. The necessity of proper selection of the cases and of the training of the proper attitude of the patient for this sort of treatment, as well as the obligatory tests for drug sensitivity of the bacilli are emphasized. Taking into consideration the possibility of relapse, surgical treatment should not be postponed too long. Besides the healing action of isoniazid on the bronchial lesions, the mechanical significance of the operation as to reflex contractility of the bronchial musculature in obtaining better bronchial drainage is pointed out. Streptomycin should be avoided and spared for the operation cover. The method is to be recommended, since it shortens the pre-operative treatment.

(XV, 9)

IVANOV, Ye. V.; GAODU, A.N.; GUZENKO, G.F.; Prinimali uchastiye: ALEKHIN, A.I.;  
PONEDEL'NIKOV, A.V.; KOL'BUS, Yu. N.

Smelting refractory materials in the OKB-514 electric furnace  
and manufacturing articles from them. Ogneupory 26 no. 5:214-  
220 '61.

(MIRA 14:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut ogneuporov.  
(Electric furnaces)  
(Refractory materials)

KOLBUSZ, F.

The influence of new agricultural policy on agricultural production in the regions where peasant dwarf farms are preponderant. p. 286

NOWE ROLNICTWO. (Panstwowe Wydawnictwo Rolnicze i Lesne)  
Warszawa. Vol. 8, no. 8, Apr. 1959  
Poland

Monthly List of East European Index (EEAI), LC, Vol. 8, no. 6, June 1959  
Uncl.

KOLBUSZ, F.J. OTOLINSKI, E.

Some problems connected with the development of agriculture in  
Bulgaria. Postępy nauk roln. 8 no. 6:133-142 '61.

1. Wyższa Szkoła Rolnicza, Kraków.

(Bulgaria--Agriculture)

KOLBUSZ, Fr.; MARTYNA, St.

Determination of the concept of intensity in agriculture and methods  
of measuring it in suburbs. Postepy nauk roln 9 no.3:93-103 My-Je '62.

1. Wyższa Szkoła Rolnicza, Krakow.

*KolButov A.D.*  
VEREISHCHAGIN, N.K.; KOLBUTOV, A.D.

Remains of animals at the Mousterian site in the environs of Stalingrad and the stratigraphic position of the paleolithic layer. Trudy Zool. inst. 22:75-89 '57. (MIA 10:6)  
(Stalingrad Province--Paleontology, Stratigraphic)

KOLBUTOV, A.D.

Composition, deposition characteristics, and formation of loess  
on the Russian Plain. Geog.sbor. no.10:108-121 '58.  
(MIRA 12:1)  
(Most European Plain--Loess)

KOLBUTOV, A.D.

Results of geomorphological observations on reservoir shores,  
Trudy Okean.kom. 8:226-234 '61. (MIRA 14:5)

1. Leningradskiy filial Gidroproyekta.  
(Coast changes) (Reservoirs)

KOLEUTOV, A.D., inzh.

Some factors indirectly determining the formation of new reservoir  
shores. Trudy Gidropreokta no.4:344-359 '60. (MIRA 15:2)  
(Coast changes)  
(Reservoirs)

KOKESHKO, I.G., inzh.; KOLEBUTOV, A.D.

Principal stages in the history of the development of recent  
river valleys and conditions of shore formation in reservoirs.  
Trudy Gidroproekta no.4:360-372 '60. (MIRA 15:2)

(Valleys)  
(Reservoirs) (Coast changes)

"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6

LYUBIN, V.P.; KOLBUTOV, A.D.

Ancient sites of man in the U.S.S.R. and Quaternary paleogeography.  
Trudy Kom.chetv.per. no.26:74-88 '61. (MIRA 15:3)  
(Transcaucasia--Antiquities) (Transcaucasia--Paleogeography)

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000723720013-6"

MALIK, P.; CERVINKA, F.; VREBEL, J.; KOLC, J.

New concepts of etiology and of pathogenic therapy of puerperal mastitis with special reference to pemphigus mastitis strain of Staphylococcus; clinical studies. Cesk. gyn. 18 no.4:306-313 Aug 1953.  
(CLML 25:4)

MALEK, P.; KOLC, J.; Technicka spoluprace: M. Skulova, M. Semoradova

Studies on dynamics of circulation and activities of substances  
in the organism in shock conditions. I. Rules of administration  
in tourniquet shock in rabbits. Cesk. fysiol. 5 no.2:191-199  
23 June 56.

1. Ustav klinicke a experimentalni chirurgie, Praha.  
(SHOCK, experimental,  
eff. of hematotropic & lymphotropic substances (Cx))

MALEK, P.; KOLC, J.; Technical collaboration: M. Skulova, M. Semoradova

Studies on the dynamics of the circulation and action of substances in the organism in conditions of shock. I. Laws of absorption in tourniquet shock in rabbits. Physiol. bohem. 5 no.2:214-223 1956.

1. Institute of Experimental and Clinical Surgery, Prague-Krc.  
(SHOCK, experimental,

hematotropic & lymphotropic substances, absorp. in  
tourniquet shock in rabbits)

(BLOOD,

hematotropic substances, absorp. in tourniquet shock  
in rabbits)

(LYMPH,

lymphotropic substances, absorp. in tourniquet shock  
in rabbits)

KOLC, J.

MALEK, P.; KOLC, J.

Studies on dynamics of circulation and effects of substances in  
the organism in shock. II. Absorption in traumatic hemorrhagic and  
infectious shocks. Cesk. fysiol. 6 no.1:9-13 '57.

1. Technicka spoluprace M. Semoradova Ustav klinicke a experimentalni  
chirurgie, Praha.  
(SHOCK, experimental,  
inulin & rhodanid absorp. in (Cs))

CZECHOSLOVAKIA / General Problems of Pathology: Shock.

U-4

Abs Jour : Ref Zhur - Biol., No. 10, 1958, No 46770

Author : Malek, Prokop; Kolc, Jiri.

Inst : Not given

Title : The Toxic Reactivity of the Organism in Hypothermia Shock.  
Study of the Dynamics of Matter Circulation in the Organism  
During Shock.

Orig Pub : Rozhl. chirurg., 1957, 36, No. 4, 209-213.

Abstracts : In rabbits, during shock caused by gyration, an increase  
of sensitivity to the staphylococcus toxin, to B.  
perfringens, and to viper venom was established. Hypo-  
thermia decreases such heightened sensitivity of shock.  
Toxic resistance was increased in hypothermia of control  
animals. Part III, see RZh. Biol., 1958, 3008.

Card 1/1

*Exptl. Surgical Clinic, Prague*

KOLC, J.

MALEK, P.; KOLC, J.; ZAK, Fr.

Possibility of specific blocking of the lymphatic system; pathogenesis & experimental treatment of tetanus. Cas. lek. cesk. 96 no. 43:1369-1375 25 Oct 57.

1. Ustav klinické a experimentální chirurgie, ředitel doc. Dr. B. Spacek.  
2. patologickoanatomický ustav lekařské fakulty Karlovy univerzity v Praze, prednosta prof. Dr. V. Jedlicka. K sedmdesátým narozeninám akademika A. Jirasky.

(TETANUS, exper.

eff. of specific blocking of lymphatic system with antitoxin (Cs))

(LYMPHATIC SYSTEM, in var. dis.

exper. blocking with antitoxin in exper. tetanus (Cs))

USSR/Pharmacology. Toxicology. Antibiotics.

v

Abs Jour: Ref. Zhur. - Biol., 22, 1958, 102951

Author : Malsk, P.; Goffman, I.; Gerold, M.; Kolts, Y.

Inst : ~~conditioned in the course of a~~

Title : ~~the determination of the following substances and~~  
~~the acute toxicity of antibiotics~~  
Antibiotics with Directed Penetration into the Lymphatic System.

Orig Pub: Antibiotiki, 1958, 3, No. 1, 45-51

Abstract: Antibiolymphins (I) are salts of antibiotics with high-molecular-weight substances. The salts of streptomycin and neomycin with polymentacrylic acid, with dextran sulfate and carboxymethyl-starch were tested. They are absorbed in intramuscular introduction to a considerable degree by means of the lymphatic system. As compared with commonly used antibiotics, they create lower concentrations of antibiotics in the blood and cir-

Card 1/2

MALEK, P., KOL'TS, I.

The use of lymphotropic antibiotics in clinical practice [with  
summary in English]. Antibiotika 3 no.4:34-37 Jl-Ag '58

(MIRA 11:10)

1. Institut klinicheskoy i eksperimental'noy khirurgii (Praga)  
(ANTIBIOTICS)

CZECHOSLOVAKIA / Human and Animal Physiology (Normal and Pathological). Lymph Circulation.

T

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 60371

Author : Malek, P.; Kold, J. Physiology

Inst : Not given

Title : Physiological Bases of Experimental and Clinical Lymphography

Orig Pub : Casop. lekaru ceskych, 1957, 96, No 47, 1463-1471

Abstract : Lymphography (L) was done on dogs with the aid of crystallloid (iodourone, urographin, etc.), colloidal (collargol, thorotраст) and oily contrast substances. In direct L (introduction of the contrast medium directly into the lymph vessel) the crysalloids were rapidly resorbed into the capillary net, the colloids slowly filled the lymphatic stream, and passed through the thoracic duct into the circulatory system. After adre-

Card 1/2 Ustav Klinicke a experimentalni chirurgie, Praha-Krc.

MALEK, P.; KOLC, J.

Problem of indirect x-ray lymphography in experimentation & in clinical practice. Cas. lek. cesk. 97 no. 14:428-430 4 Apr 58.

1. Ustav klinicke a experimentalni chirurgie, Praha, prednosta doc.

dr. B. Spacek, P. M., Praha-Krc, Budejovicka 800.

(LYMPHATIC SYSTEM, radiography

indirect lymphographic method (Cx))

MALEK, P.; KOLC, J.

Methodological approach to pathophysiological investigation of the lymphatic system. Cas. lek. cesk. 97 no. 34;1069-1074 22 Aug 58.

1. Ustav klinické a experimentální chirurgie, Praha, přednosta doc.  
Dr. B. Spacek.

(LYMPHATIC SYSTEM

pathophysiol. research, methodol. approach (Cs))

MALEK, P.; KOLC, J.

Circulation of d-cycloserine & Czechoslovak DL-cycloserine in the organism. Cas. lek. cesk. 97 no.34:1075-1077 22 Aug 58.

1. Ustav klinické a experimentální chirurgie, Praha-Krč, prednosta  
doc. dr. B. Spacek.

(ANTIBIOTICS)

D-cycloserine & Czech. DL-cycloserine, comparative circ.  
in exper. animals (Cx))

KOLC, J.

b7c  
b7e  
b7d  
b7f

NATURE

A WEEKLY JOURNAL OF SCIENCE

"LYMPHOTROPHIC ANTIBIOTICS"

P. MALEK  
J. HOFFMAN

M. HEROLD  
J. KOLC

Institute for Clinical and Experimental Surgery  
and

Institute for Antibiotic Research,  
Prague  
Nov. 24

SO: NATURE, No. 4610, Vol. 181, 8 March 58, Unclassified. Bak/mhs

MALEK, P.; KOLO, J.; BILAN, A.

Problems of lymphography of the deep lymphatic system of the pelvis & lower limbs. Cesk. rentg. 13 no.1:54-62 Feb 59.

1. Ustav klinické a experimentální chirurgie, Praha.

(LYMPHATIC SYSTEM, radiography)

deep lymphatic system of pelvis & legs, technic (Cx))

(PELVIS, radiography)

lymphography of deep lymphatic system, technic (Cx))

(LIG, radiography

same)

MALÍK, P.; BRIAN, A.; KOLO, J.

A method for the demonstration of the deep lymphatic system in the  
lumbar region. Ces. rentg. 13 no. 5:343-348 O '59

1. Ustav klinické a experimentální chirurgie, Praha-Krč.  
(LYMPHATIC SYSTEM radiogr.)

MALEK, P.; KOLO, J., Technicka spoluprace M. Semoradova

Experiences with the restoration of lymph flow. Rozhl. chir. 38  
no.7:441-446 July 59

1. Ustav klinike a experimentalni chirurgie, Praha.  
(LYMPHATIC SYSTEM, surg.)

MALEK, P.; KOLC, J.; ZAK, F.

Principles of two-stage lymphography. Cas. lek. cesk. 98 no. 8:225-231  
20 Feb 59.

1. Ustav klinické a experimentální chirurgie, Praha. II. patologicko-anatomický ustav lékařské fakulty MU, Praha. P. M., Praha-Hrd, Budejovická 800.

(LYMPHATIC SYSTEM, radiography,  
two-stage lymphography in animals (Cx))

MALEK, P.; KOLO, J.; BRIAN, A.; SURIN, V.

Roentgenographic investigation of surface and deep lymphatic systems of the lower extremities. Cas. lek. cesk. 98 no.8:231-235 20 Feb 59.

1. Ustav klinicky a experimentalni chirurgie, Praha, prednosta doc. dr. B. Spacek, Statni ustav rehabilitacni, Kladruby u Vlasimi. P. M., Praha-Krc, Budejovicka 800.

(LYMPHATIC SYSTEM, radiography,  
leg (Cx))

(LMG anat. & histol.  
lymphatic system, x-ray (Cx))

MALEK, P.; ROKOS, J.; BURGER, M.; KOLO, J.; KRATKOVA, E.; PROCHAZKA, P.

Effect of chlortetracycline on exsynes & its practical significance.  
Cas. lek. cesk. 98 no. 9:262-266 27 Feb 59.

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(CHLORTETRACYCLINE, eff.

on pancreatic alpha amylase & lipase, eff. of citric acid  
(Cz))

(AMYLASES

pancreatic alpha amylase, inhib. by chlortetracycline (Cz))

(LIPASES

inhib. by chlortetracycline, eff. of citric acid (Cz))

(PANCREAS, metab.

alpha amylase & lipase, inhib. eff. of chlortetracycline,  
reversal by citric acid (Cz))

(CITRATES, eff.

citric acid on inhib. of pancreatic alpha amylase & lipase  
by chlortetracycline (Cz))